



## **April 17, 2003 Minutes**

### **Location**

Johnson County Soil & Water Conservation District Offices

### **Attendees**

Jill Saligoe-Simmel, Tom Mahon, Charley Hickman, Anna Rodue, Jim Stout, Alex Wernher, Jerry King, George Toft, Jeff Sewell, Michael Machlan, Roger Koelpin, John Buechler (for Karen Frederickson), John Thomas, Ed Lutz, D. Keith Moberg, Erik Torok, Jere J. Riggs, Jeff Ehman, Mike Wood

### **1. Approval of last meeting minutes**

Copies of last meeting minutes were unavailable. This action was postponed.

### **2. NSGIC Report – Jill Saligoe-Simmel**

NIMA update – USGS is working to identify local sources of data. An Interagency Preparedness Team has been established at the federal level to work with local and state government to this end.

Geospatial One Stop – This presidential initiative is being better defined. Current efforts are inclusive of a data clearinghouse with additional work needed to identify what that will become and how that will link to state\local resources.

National Map – Pilots are in place but funds are dwindling, due to expenditures on the National Map and the NIMA 133 cities. Additional comments (Charles Hickman – USGS) indicated that much work was in progress using Open GIS Consortium map and feature services along with service registries to make data available to the National Map.

Federal Geographic Data Committee – Ivan DeLoatch has been appointed interim director.

Cadastral Committee – Western Governors Association was first out of the gates to engage this committee. Eastern states are catching up providing an opportunity for our Cadastral I-Team to join in.

There is a Geospatial One Stop workgroup in FGDC for data content standards. A contingent from INGISI will be meeting April 24<sup>th</sup> in Noblesville to consider.

There is also a Homeland Security workgroup in FGDC, with which the INGISI workgroup is collaborating.

### **3. Data Survey and NSGIC Initiative**

Three new national GIS surveys were announced from the feds. Each is very similar to the INGISI survey. Jill offered support by providing the web-survey to the various federal groups. Additional resources were offered accelerate development of our survey to accommodate the three new surveys, complete the mapping functionality and implement elsewhere.

### **4. National Agricultural Imagery Program – United States Department of Agriculture**

Anticipate completely covering states in 2004. The standard product is leaf-on, color, 2m-pixel size. Indiana product could be available as soon as November 2004 for the cost of duplication. Cooperative agreements are possible to improve resolution to 1m National Map Accuracy standards product. Color-IR may also be possible. Enhancements beyond those are not possible. Other states are already taking advantage of the program. Missouri has signed up for the 1m, color product. Total cost of the Missouri product is \$1.2-1.4m including the state\local contribution of about \$200,000. Final agreements to opt for the improved products must be in place before the end of December 2003. Our Orthophotography I-Team will pursue further.

### **5. GeoNet Data Clearinghouse and Publishing**

Jill demonstrated the ability to pull data directly from the web into a desktop toolset. The technology can also be applied to websites. Specifically, web applications can be built at one site that use data in real time hosted on other GIS websites. We are all familiar with the ability to download data from the web, unzip it, and then use it with desktop tools or with web services. The technology demonstrated eliminates the need to download and then host that data locally for your own use. Instead, with the appropriate tools you can directly include data hosted on the web in designing queries without first having to copy the data locally. Pulling data out from one website in real-time and pushing it out through another website in a different application (map) is called cascading. Several examples were demonstrated including use of our own version of the Geography Network being developed for the data clearinghouse. Comments included the observation that only a small minority of the Council had seen this capability before.

### **6. “Benefits of GIS” Material Development**

Jill went over materials being prepared to address “Why GIS is important” for various audiences. Review and comments are invited. The presentation is tweaked for three

distinct sets of GIS audiences. The first and largest audience of users would be non-technical individuals commonly using applications like MapQuest or Indiana's "Who's your legislator?" The intermediate group of GIS consumers is analysts with respect to their own "business" needing a geographic component to accomplish their tasks, but the individuals may not have a GIS background. This intermediate audience includes a wide variety of professionals that would be using applications geared towards their specific needs. Those applications would also most likely include a GIS component that would not necessarily be visible to them. Finally, the smallest community of users includes the higher end GIS technicians who would frequently need the data and metadata for use in their desktop tools. Comments included similar observed difficulties in other forums while trying to promote the application of geography to solve problems with non-GIS savvy audiences.

## **7. Activity in Other GIS Groups**

Bob Weaver – Central Indiana Regional GIS Forum recently had their first meeting. The agenda included a presentation by IGIC, and demonstrations of work done by POLIS on the Indiana Water Quality Atlas and an application developed for the Metropolitan Indianapolis Board of Realtors.

Jill for Becky McKinley – Northwest Indiana GIS Forum is putting together documentation of how their forum started for consideration by fledging forums elsewhere.

## **8. Polis Web Mapping Demonstration (Invited)**

Polis and IGS, as units of Indiana University, demonstrated a web-based tool that leverages data hosted at various sites. The tool is a pilot for the functionality that Jill also demonstrated, that would potentially enable the user greater functionality using a browser instead of a specific set of desktop tools. Polis sought recognition from the Council that this tool, or future iterations of this prototype could become a significant component of an overall statewide GIS implementation strategy. Subsequent discussion identified the need to further examine both the tool and the technology, and to consider some form of standardizing content of data being hosted on the web. IGIC will lead a workgroup to further consider a vision for the technology and the Council's role in developing that vision. A preliminary meeting will be convened in the coming weeks. Suggestions offered included the need review existing and proposed Open GIS Consortium standards that would be relevant to this effort. Additional consideration was given to how this type of tool and technology would relate to the clearinghouse, the Indiana Map and various federal initiatives. Further, it was offered that it would be useful if such activities resulted in "blueprints" that others could follow when electing to implement similar tools and technologies.

## **9. Other Activity**

Ed Lutz – Indiana State Department of Health is working with the Department of Transportation to plug holes in roads datasets for geocoding. Conceptually, the effort will take those parts of the tiger data that are not attributed in Geographic Data Technologies Dynamap 2000 product and send them to a contractor to be properly attributed. The result set would then be available for use either with licensed GDT datasets or Tiger datasets to yield a more complete geocoding base. The initial priority areas for improved attribution include areas in Clark, Dearborn, Hendricks, Hancock, Tipton, Morgan, Porter and Floyd counties. This effort may also become the foundation for subsequent development of address standards. Jim Stout offered that Marion County has been working address standards for some time. Jeff Sewell offered to pick the effort in the Standards Committee, suggesting a meeting the first Wednesday in May.

#### **10. GIS and Homeland Security Report**

Jill reported that much work is coming to fruition this year. Homeland Security initiatives are very high profile. A high level study of GIS in government recommends that an executive order be issued to establish a study committee for GIS relying on the Council for input. Preparation for this effort is essential.

#### **11. Education Committee**

Jill indicated that the Education Committee is working on a website of success stories. The Council is tasked with review of Missouri's Health site, which will be forwarded shortly along with a template with which to prepare individual "successes in GIS" before the next Council meeting.

#### **12. NASA Grant Proposal**

Jill presented a Council grant proposal on behalf of Johnson County SWCD to acquire color-IR satellite imagery for comparison to other imagery for use in planning. Koelpin moved to approve the proposal as is for submission to NASA. The motion was seconded and passed unanimously.

#### **13. FGDC CAP Grant Proposal**

A Cooperative Agreements Program (CAP) grant proposal is being formulated for submission to the FGDC. Parties working together on the proposal include the Indiana Geological Survey, POLIS and IGIC. The proposal will be submitted under Category 4: Clearinghouse Integration with OpenGIS Services. The deadline for the submittal is May 30<sup>th</sup>, 2003.